

WEST☐ **Generate Collection**

L38: Entry 2 of 2

File: DWPI

Aug 8, 2000

DERWENT-ACC-NO: 2000-586096

DERWENT-WEEK: 200055

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TITLE: Printed circuit board with integrated cooling mechanism for electronic devices, has interface foam disposed between daughter board and heat transfer element to conduct heat from circuit components on daughter board

Basic Abstract Text (1):

NOVELTY - Mother and daughter boards (200,220) are arranged oppositely and heat generation circuit components (410A-410C) are mounted on board (220) and thermally conductive layer (403) is formed on insulating layer (402) of board (200). Electrical insulating thermal conductive foam (430) is filled within board (220) and heat transfer element (440) formed on input-output panel (230) to conduct heat from components.

Basic Abstract Text (11):Thermal conductive foam 430

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L17: Entry 2 of 15

File: USPT

Apr 30, 2002

DOCUMENT-IDENTIFIER: US 6379039 B1

TITLE: Cost-effective electronic thermometer

Detailed Description Text (7):

A power source 32, preferably a battery, energizes printed circuit board module 26 and its electronic processor. Removable cover 33 allows access to power source 32. A push-button 34 activates a power switch 36 that is optionally positioned on printed circuit board module 26. Power switch 36 controls electrical connection between power source 32 and the electronic processor.

Issued US Original Classification (1):374/163Current US Original Classification (1):374/163Current US Cross Reference Classification (1):374/170Current US Cross Reference Classification (2):374/183Current US Cross Reference Classification (3):374/208Issued US Cross Reference Classification (1):374/208Issued US Cross Reference Classification (2):374/170Issued US Cross Reference Classification (3):374/183Field of Search Class/SubClass (1):374/163Field of Search Class/SubClass (2):374/170Field of Search Class/SubClass (3):374/183Field of Search Class/SubClass (4):374/208US Reference US Original Classification (1):374/208US Reference US Original Classification (2):374/183US Reference US Original Classification (5):374/170

US Reference US Original Classification (6):
374/188

US Reference US Original Classification (10):
374/183

US Reference US Original Classification (11):
374/208

US Reference US Original Classification (12):
374/163

US Reference US Original Classification (15):
374/208

US Reference US Original Classification (16):
374/208

US Reference US Original Classification (17):
374/208

US Reference US Original Classification (19):
374/208

US Reference US Original Classification (21):
374/141

US Reference US Original Classification (23):
374/183

US Reference Group (1):
2321846 19430600 Obermaier 374/208

US Reference Group (2):
3822598 19740700 Brothers et al. 374/183

US Reference Group (5):
4183248 19800100 West 374/170

US Reference Group (6):
4444517 19840400 Murase 374/188

US Reference Group (10):
4688949 19870800 Hatakenaka 374/183

US Reference Group (11):
4729672 19880300 Takagi 374/208

US Reference Group (12):
4743121 19880500 Takagi et al. 374/163

US Reference Group (15):
5013161 19910500 Zaragoza et al. 374/208

US Reference Group (16):
5133606 19920700 Zaragoza et al. 374/208

US Reference Group (17):
5165798 19921100 Watanabe 374/208

US Reference Group (19):
5401100 19950300 Thackston et al. 374/208

US Reference Group (21):